

OC-12 BLSR RING 100

WORKING TRAFFIC 130
CONCATENATION SIZE: 1C
WORKING CHANNEL: 4

WORKING TRAFFIC 110
CONCATENATION SIZE: 3C
WORKING CHANNELS: 1-3

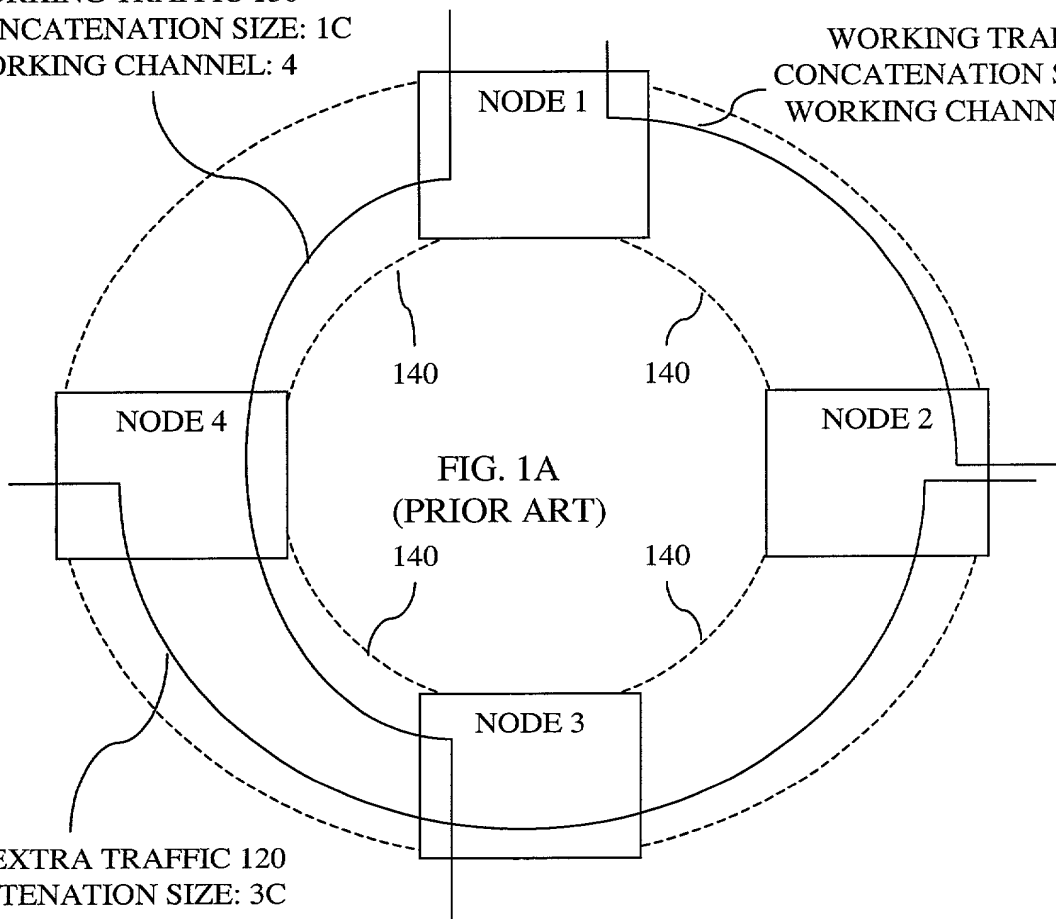
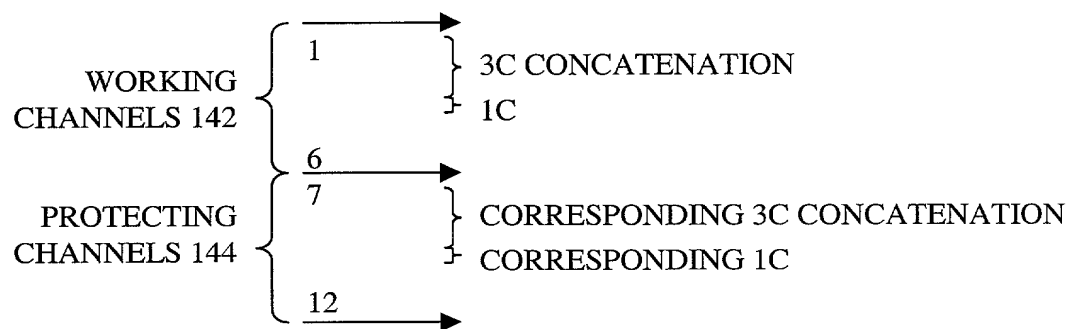


FIG. 1B (PRIOR ART)



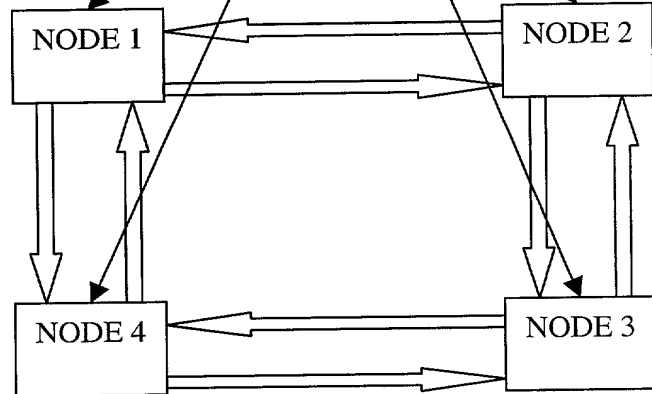
PLAN RING, INCLUDING THE NETWORK ELEMENT INFORMATION (E.G., THE NETWORK ELEMENTS THAT WILL PARTICIPATE (INCLUDING APS NODE IDS), THE LINE CARDS AND PORTS WITHIN THOSE NETWORK ELEMENTS, THE CROSS-CONNECTIONS, ETC.) AND THE RING NETWORK INFORMATION (E.G., THE RING MAP, THE INITIAL SQUELCH TABLE FOR EACH NODE, ETC.) 200

FIG. 2
(PRIOR ART)

BUILD RING AND ENTER INTO NETWORK MANAGEMENT SYSTEM THE NETWORK ELEMENT INFORMATION AND THE RING NETWORK INFORMATION 210

PUSH NETWORK ELEMENT INFORMATION AND RING NETWORK INFORMATION DOWN TO NETWORK ELEMENTS 230

NETWORK
MANAGEMENT
SYSTEM 220



OC-12 LINE SWITCHED RING 300

WORKING TRAFFIC 330
CONCATENATION SIZE: 6C
WORKING CHANNELS: 1-6

WORKING TRAFFIC 310
CONCATENATION SIZE: 3C
WORKING CHANNELS: 1-3

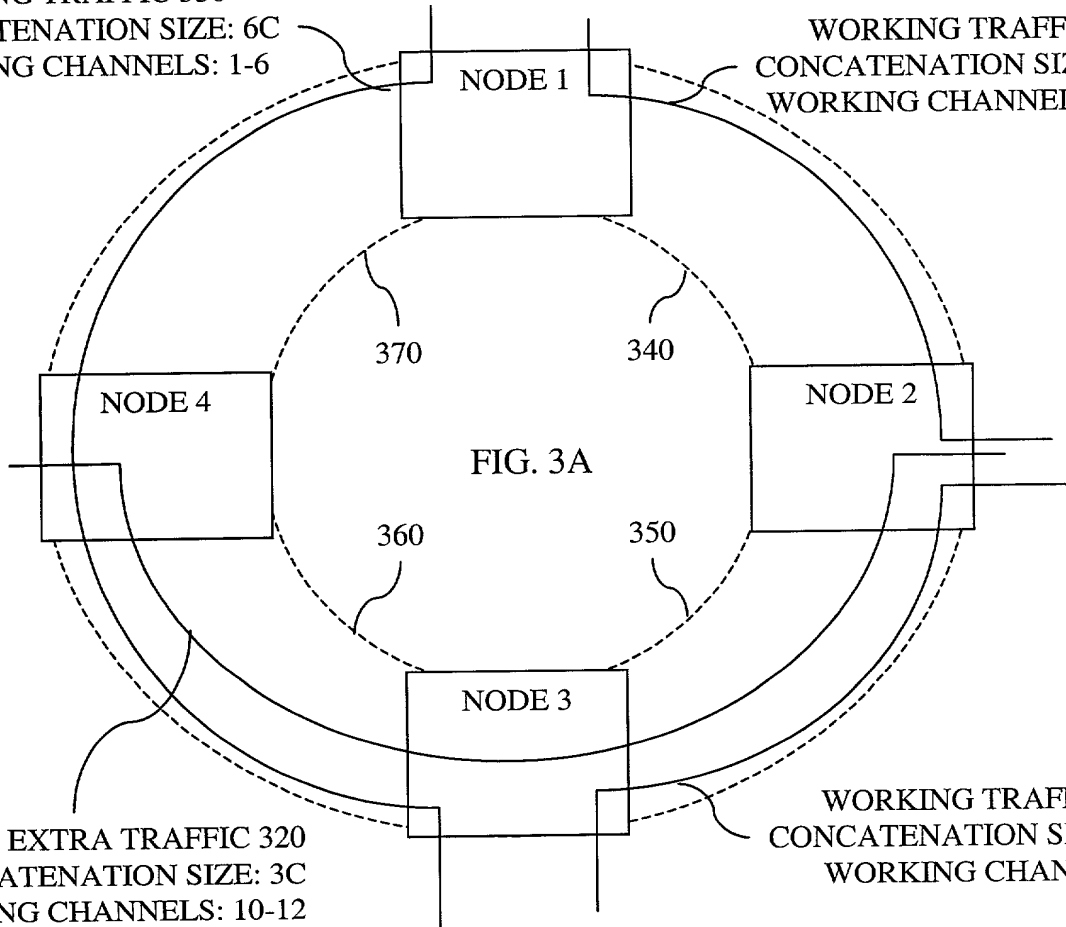


FIG. 3A

NODE 3

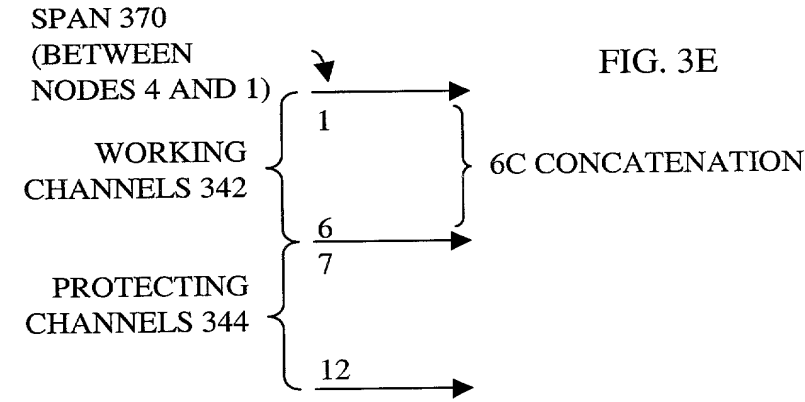
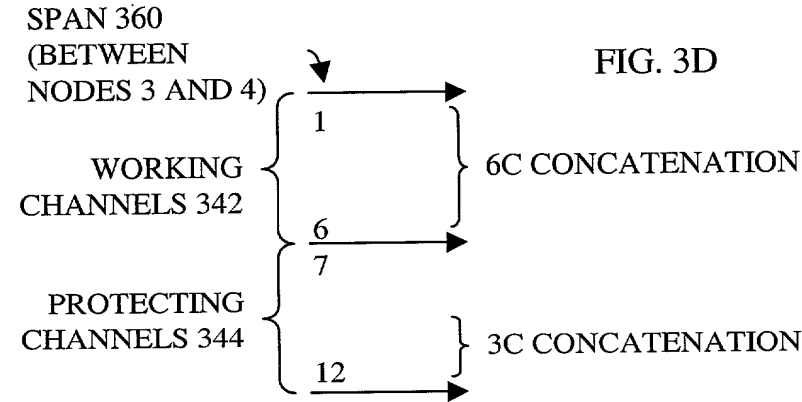
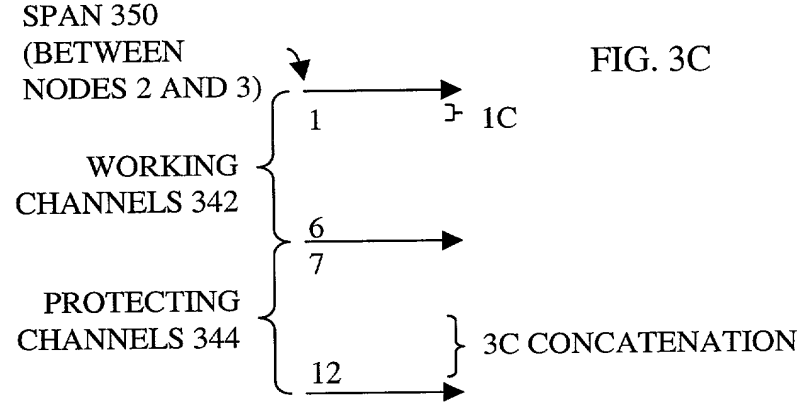
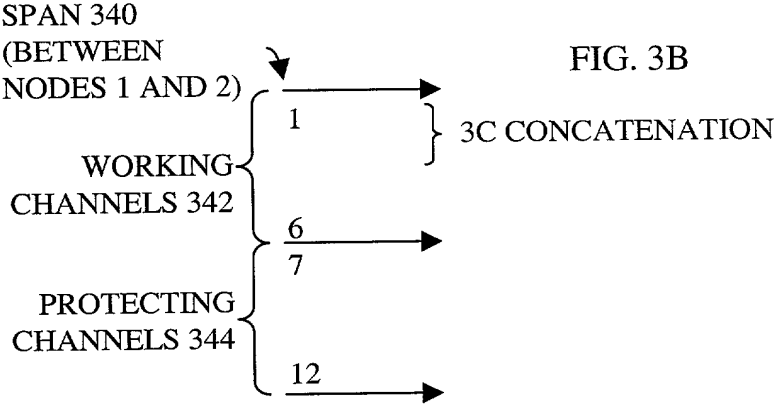
NODE 4

NODE 2

NODE 1

WORKING TRAFFIC 315
CONCATENATION SIZE: 1C
WORKING CHANNEL: 1

EXTRA TRAFFIC 320
CONCATENATION SIZE: 3C
PROTECTING CHANNELS: 10-12



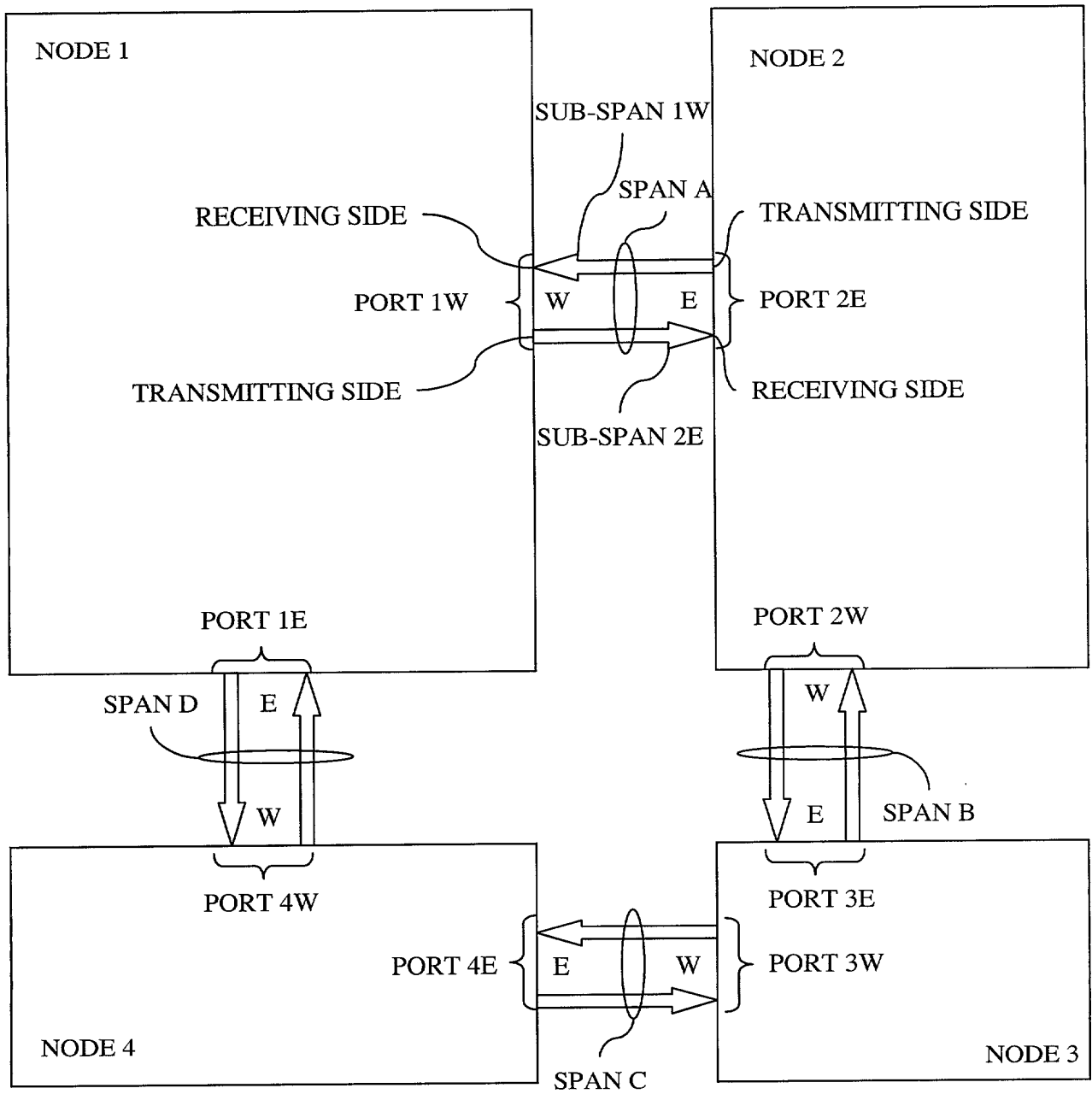


FIG. 4

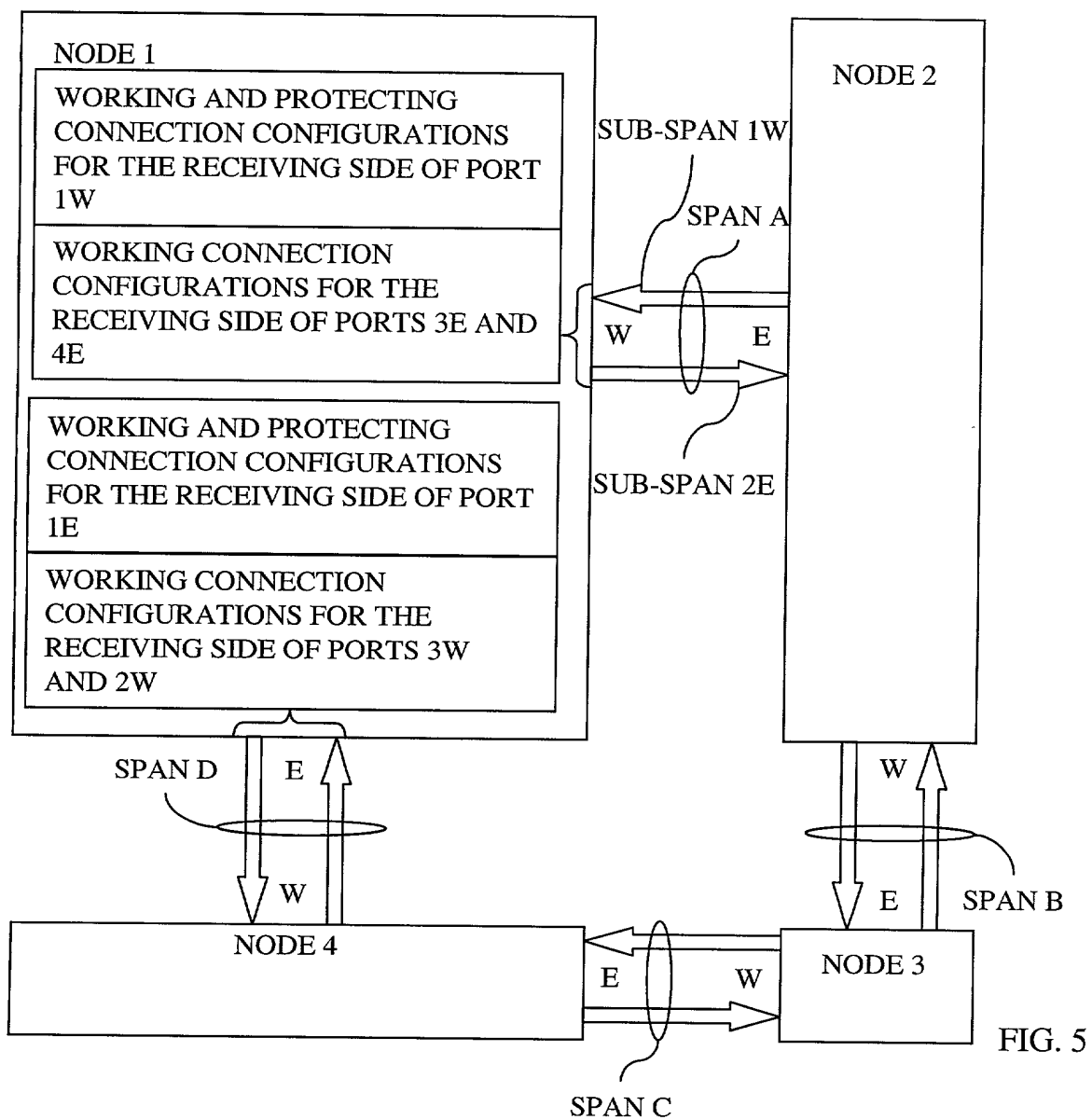


FIG. 5

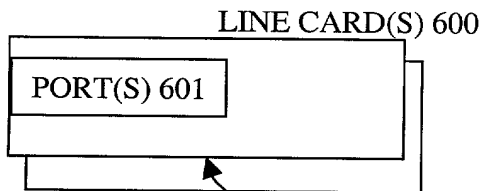


FIG. 6A

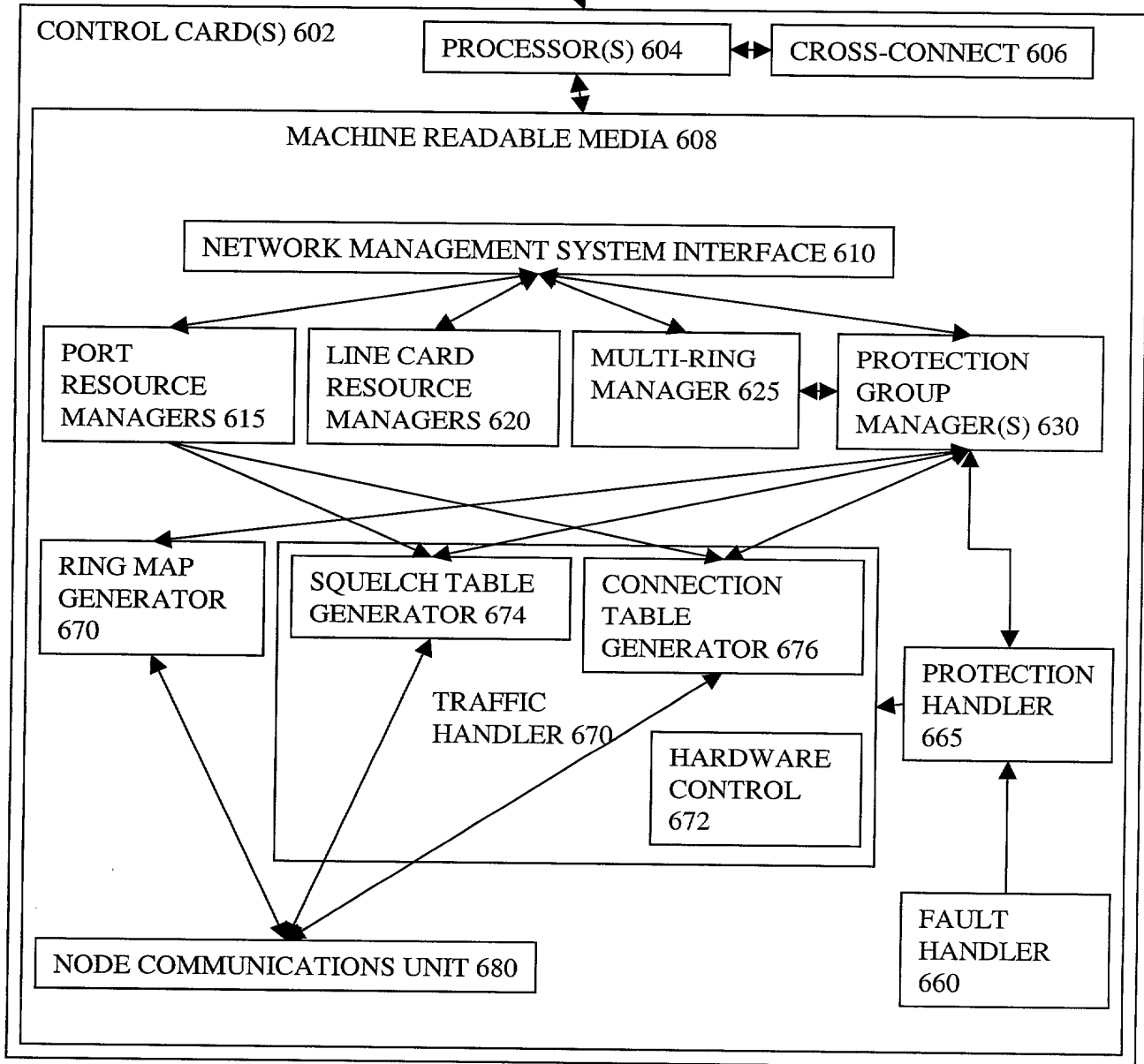
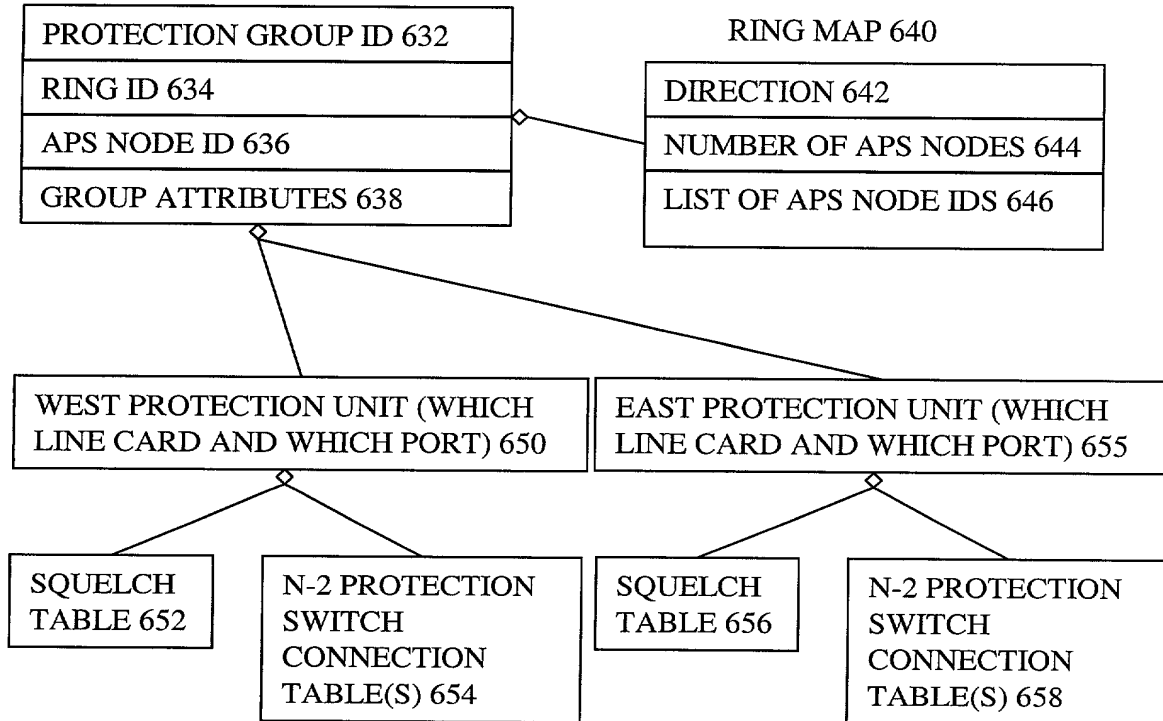


FIG. 6B

PROTECTION GROUP MANAGER 630A



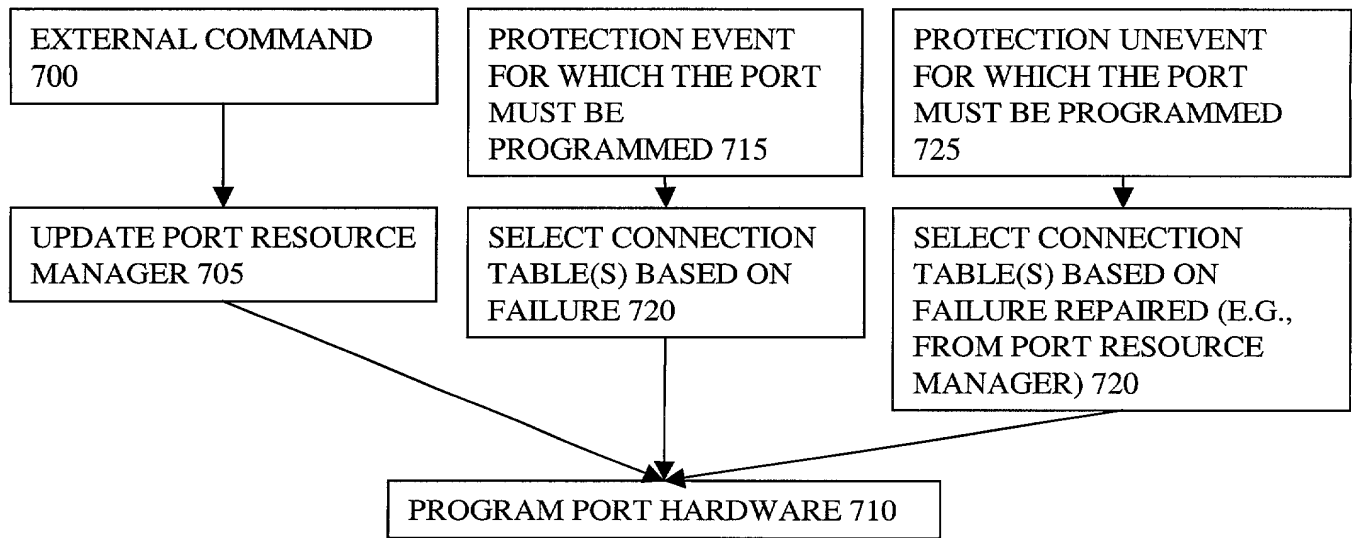


FIG. 7

[illegible]